To: Heather.Ptak@shell.com[Heather.Ptak@shell.com]

Bcc: Owens, Kim[Owens.Kim@epa.gov]

From: Seyfried, Erin

Sent: Fri 2/15/2013 7:21:40 PM

Subject: Re: FW: 2013 Chukchi Ancillary Activity Notice

Hi Heather -

Thank you for sharing the Ancillary Activity Notice Document. I haven't finished looking through it, but I just wanted to clarify something I read in Section 2.7, page 2-7:

"Coring wastes will be generated only by the geotechnical investigations, and only if rotary drilling is conducted. No cuttings will be generated or discharged if the jumbo piston corer /CPT system is utilized."

In this document Shell presents two different "coring technologies", the jumbo piston corer and the seabed rotary system. I went back through my notes from your January presentation and it looks as though Shell only discussed the use of the seabed rotary system for the 2013 activities, which would result in a discharge of cuttings at the seafloor. Is the consideration to use the jumbo piston corer new? Will it truly result in a zero discharge of cuttings at the seafloor?

Thanks, in advance, for clarifying this for me. I am working from home today and won't be checking my work phone line. You can reach me on my personal cell phone Ex. 6- Personal Privacy or via email (today was going to be nose-to-the-grindstone kind of day so I didn't borrow a work cell or forward my line, sorry about that!).

Thank you! -Erin

From: <Heather.Ptak@shell.com>

To: Erin Seyfried/R10/USEPA/US@EPA, <chris.foley@alaska.gov>

Cc: <wade.strickland@alaska.gov>, <gerry.brown@alaska.gov>, <Lana.Davis@shell.com>

Date: 02/15/2013 09:19 AM

Subject: FW: 2013 Chukchi Ancillary Activity Notice

Good morning,

As promised, please see the attached Ancillary Authorization that was sent to BOEM earlier this week. This authorization covers activities for 2013. I know you all are working on 2014 activities which will differ from the 2013 technology. However, I wanted to forward along the information in case it could be of value. Thanks,

Heather

[attachment "2012-02-12 Shell AA 2013 marine surveys Chukchi Sea (Final with CL and Attach).pdf" deleted by Erin Seyfried/R10/USEPA/US]